

L4 ANSWER 4 OF 14 CA COPYRIGHT 2009 ACS on STN  
 AN 146:188806 CA  
 ED Entered STN: 22 Feb 2007  
 TI Spray concrete revealing high initial strength and its spraying method  
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 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 CC 58-2 (Cement, Concrete, and Related Building Materials)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2007031166	A	20070208	JP 2005-212256	20050722
PRAI	JP 2005-212256		20050722		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 2007031166	IPCI	C04B0028-02 [I,A]; C04B0028-00 [I,C*]; C04B0022-06 [I,A]; C04B0022-08 [I,A]; C04B0022-12 [I,A]; C04B0022-14 [I,A]; C04B0022-00 [I,C*]; C04B0024-04 [I,A]; C04B0024-12 [I,A]; C04B0024-00 [I,C*]
	IPCR	C04B0028-00 [I,C]; C04B0028-02 [I,A]; C04B0022-00 [I,C]; C04B0022-06 [I,A]; C04B0022-08 [I,A]; C04B0022-12 [I,A]; C04B0022-14 [I,A]; C04B0024-00 [I,C]; C04B0024-04 [I,A]; C04B0024-12 [I,A];
	FTERM	C04B0103-12 [N,A] 4G012/MA00; 4G012/MB00; 4G012/MB08; 4G012/MB12; 4G012/PB03; 4G012/PB05; 4G012/PB09; 4G012/PB10; 4G012/PB16; 4G012/PB20; 4G012/PC04; 4G112/MA00; 4G112/MB00; 4G112/MB08; 4G112/MB12; 4G112/PB03; 4G112/PB05; 4G112/PB09; 4G112/PB10; 4G112/PB16; 4G112/PB20; 4G112/PC04
AB		Spray concrete contains cement concrete, an acidic liquid setting accelerator containing Al, S, and F and/or alkanolamine, and inorg. compds. comprising Al sulfate powder, sulfate, aluminate, and/or hydroxide. The content of the liquid setting accelerator is 5-15 parts per 100 parts of cement. The spray concrete is used in road, tunnel construction, etc. by spraying.
ST		spray concrete liq setting accelerator sulfate aluminate hydroxide
IT		Setting agents